AMENDMENTS TO THE CLAIMS

1. (Original) A multimetal oxide of the formula I,

$$Ag_{a-c}Q_bM_cV_2O_d*eH_2O$$

I

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where

- a is from 0.3 to 1.9,
- Q is an element selected from among P, As, Sb and/or Bi,
- b is from 0 to 0.3,
- M is a metal selected from among Nb, Ce, W, Mn, Ta, Pd, Pt, Ru and Rh,
- c is from 0.001 to 0.2, with the proviso that $(a-c) \ge 0.1$,
- d is a number which is determined by the valence and abundance of the elements other than oxygen in the formula I and
- e is from 0 to 20,

which has a crystal structure whose X-ray powder diffraction pattern displays reflections at lattice plane spacings d of 15.23 ± 0.6 , 12.16 ± 0.4 , 10.68 ± 0.3 , 3.41 ± 0.04 , 3.09 ± 0.04 , 3.02 ± 0.04 , 2.36 ± 0.04 and 1.80 ± 0.04 Å.

- 2. (Original) The multimetal oxide according to claim 1 in which
- b is 0 and
- c is from 0.01 to 0.1.
- 3. (Previously presented) The multimetal oxide according to claim 1 which has a specific surface area determined by the BET method of from 3 to 250 m²/g.

4. (Previously presented) The multimetal oxide according to claim 1, in which M is Ce or Mn.

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- 5. cancel
- 6. (Currently amended) A precatalyst which can be converted into a catalyst for the gasphase partial oxidation of aromatic hydrocarbons and hydrocarbons, comprises an inert nonporous support and at least one layer comprising a multimetal oxide according to claim 1 applied thereto.
- 7. (Original) The precatalyst according to claim 6 which comprises from 5 to 25% by weight, based on the total weight of the precatalyst, of multimetal oxide.
- 8. (Previously presented) The precatalyst according to claim 6 whose inert nonporous support material comprises steatite.
- 9. (Currently amended) A catalyst for the gas-phase partial oxidation of aromatic hydrocarbons which hydrocarbons, which comprises an inert nonporous support and, applied thereto, at least one layer comprising, as catalytically active composition, a silver-vanadium oxide bronze which comprises at least one metal M selected from the group consisting of Nb, Ce, W, Mn, Ta, Pd, Pt, Ru and Rh, wherein and/or in which the Ag:V atomic ratio is from 0.15 to 0.95 and the M:V atomic ratio is from 0.0005 to 0.25, which catalyst ean be is produced from a multimetal oxide composition according to claim 1.
- 10. (Original) The catalyst according to claim 9, wherein the silver-vanadium bronze contains Ce or Mn.
- 11. (Previously presented) The catalyst according to claim 9 having a layer whose catalytically active composition has a BET surface area of from 2 to 100 m²/g.
- 12. (Currently amended) A process for preparing aldehydes, carboxylic acids and/or carboxylic anhydrides, in which a gaseous stream which comprises bringing into contact which comprises bringing a gaseous stream into contact with an aromatic hydrocarbon and a gas

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comprising molecular oxygen with in the presence of a catalyst according to claim 9 at elevated temperature.

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13. (Currently amended) The process according to claim 12, wherein the catalyst is produced in situ from a precatalyst which can be converted into a catalyst, the catalyst for the gas phase partial oxidation of aromatic hydrocarbons and comprises an inert nonporous support and at least one layer comprising a multimetal oxide of the formula I,

I

$$Ag_{a-c}Q_bM_cV_2Q_d * e H_2O$$

where

- a is from 0.3 to 1.9,
- Q is an element selected from among P, As, Sb and/or Bi,
- b is from 0 to 0.3,
- M is a metal selected from among Nb, Ce, W, Mn, Ta, Pd, Pt, Ru and Rh,
- c is from 0.001 to 0.2, with the proviso that (a-c) > 0.1,
- d is a number which is determined by the valence and abundance of the elements other than oxygen in the formula I and
- e is from 0 to 20,

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which has a crystal structure whose X-ray powder diffraction pattern displays reflections at lattice plane spacings d of 15.23 + 0.6, 12.16 + 0.4, 10.68 + 0.3, 3.41 + 0.04, 3.09 + 0.04, 3.02 + 0.04, 2.36 + 0.04 and 1.80 + 0.04 Å.

14. (Previously presented) The process according to claim 12, wherein the reaction mixture obtained or a fraction thereof is brought into contact with at least one further catalyst whose catalytically active composition comprises vanadium pentoxide and anatase, wherein said anatase is a form of titanium dioxide.

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15. (Currently amended) The process according to claim 14, wherein the gaseous stream is passed successively over a bed of an upstream catalyst and a <u>bed of bed or</u> a downstream catalyst, where the bed of upstream catalyst comprises a catalyst comprises an inert nonporous support and, applied thereto, at least one layer comprising, as catalytically active composition, a silver-vanadium oxide bronze which comprises at least one metal M selected from the group consisting of Nb, Ce, W, Mn, Ta, Pd, Pt, Ru and Rh and/or wherein in which the Ag:V atomic ratio is from 0.15 to 0.95 and the M:V atomic ratio is from 0.0005 to 0.25, which catalyst ean be is produced from said multimetal oxide of formula (I) and the bed of downstream catalyst comprises at least one catalyst whose catalytically active composition comprises vanadium pentoxide and anatase.

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- 16. (Original) The process according to claim 15, wherein the catalytically active composition of the downstream catalyst comprises from 1 to 40% by weight of vanadium oxide, calculated as V₂O₅, from 60 to 99% by weight of titanium dioxide, calculated as TiO₂, up to 1% by weight of a cesium compound, calculated as Cs, up to 1% by weight of a phosphorus compound, calculated as P, and up to 10% by weight or antimony oxide, calculated as Sb₂O₃.
- 17. (Original) The process according to claim 16, wherein the bed of the downstream catalyst comprises at least two layers of catalysts whose catalytically active composition has a differing Cs content, with the Cs content decreasing in the flow direction of the gaseous stream.
- 18. (Previously presented) The process according to claim 12, wherein o-xylene or naphthalene or a mixture of o-xylene and naphthalene is used as aromatic hydrocarbon and is oxidized to phthalic anhydride.
- 19. (New) The process according to claim 12, wherein the reaction mixture obtained or a fraction thereof is brought into contact with at least one further catalyst whose catalytically active composition comprises vanadium pentoxide and anatase, wherein said anatase is a form of titanium dioxide.